

I hereby certify that the correspondence is being sent by facsimile transmission to: Examiner D. Rees, Ph.D.  
Fax No.: 1-703-305-7401  
Assistant Commissioner for Patents  
Washington, D.C. 20231, on May 20, 1996  
By Christine A. Bybee  
Christine A. Bybee

PATENT

Attorney Docket No. 16528X-008200  
(client file no. 1091)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
MARK S. CHEE ET AL. ) Examiner: D. Rees  
Application No.: 08/327,525 ) Art Unit: 1807  
Filed: October 21, 1994 )  
For: COMPUTER-AIDED )  
VISUALIZATION AND ANALYSIS )  
SYSTEM FOR SEQUENCE )  
EVALUATION )  
AMENDMENT )

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed December 19, 1995, for which a petition for an extension of time is enclosed, please amend this application as follows.

IN THE CLAIMS:

Please cancel claims 1, -3-20 and 45-59 without prejudice. Please add new claims 60-105 as follows.

1-59. --CANCELED--

1  
2  
3  
4  
5  
6  
7  
8  
9  
60. In a computer system, a method of identifying an  
unknown base in a sample nucleic acid sequence, said method  
comprising the steps of:

inputting a plurality of probe intensities for a  
plurality of nucleic acid probes, each probe intensity indicating  
an extent of hybridization of a nucleic acid probe with at least  
one nucleic acid sequence including said sample sequence, and  
each nucleic acid probe differing from each other by a single  
base;

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GROUP 1800